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(71) Applicant: **NEC CORP**

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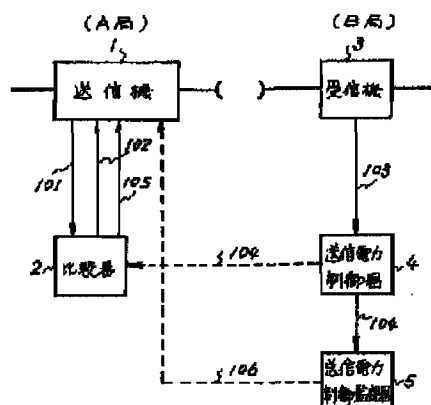
(72) Inventor: **SATO TAKASHI**

**(54) TRANSMISSION POWER CONTROL SYSTEM**

(57) Abstract:

**PURPOSE:** To reduce adjacent interference caused when a transmission output level of a radio equipment exceeds a setting level or the transmission output is outputted at a maximum control level in excess of a setting time.

**CONSTITUTION:** A receiver 3 detects a reception input level and controls an output level of a transmitter 1 based on the result of detection. A comparator 2 compares an output level to be controlled in the transmitter 1 with an actual output level and a transmission power control monitor 5 monitors the time when an output level of the transmitter is controlled. A transmission power control monitor 5 monitors the time when an output level of the transmitter is controlled. A transmission controller 4 decreases an output level of the transmitter 1 to a minimum level when the result of comparison indicates that the output level exceeds the setting level or the control time exceeds a setting value.



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